Performance	Sleeping Bag Patrol	Sleeping Bag ICW	Bivy Sack	All three together
Protection	32-50 degrees F	0-32 degrees F		-20 degrees F*
temperatures				-50 degrees F**
Protection			All forms of precipitation	
elements				
Compressed			15% decrease over the	No more than 1 cubic foot+
size			material dictated in MIL-	
			DTL-31011A, Type I	
Weight	< or = 2.85 lbs	< or $=$ 4.0 lbs		$< or = 9.5 lbs^{\wedge}$
Insulation	Attached in a way to	Lightweight and		
	minimize migration	compressible		
	and cold spots	Attached in a way to		
	Insulation value	minimize migration and		
	(clo) shall not be	cold spots		
	lower than $3^{+/-}$ 0.3	Insulation value (clo) shall		
		not be lower than 4.5 ^{+/-} 0.4		
Inner	L - 87 to 89 inches	L-81 to 83 inches	L – The Length of the Bivy	The narrowest point of both bags
dimensions#	W - 35 to 37 inches	W- 34 to 36 inches at	will be sufficient to	and the Bivy will be in the footbox
	at widest point and	widest point and 21 to 23	accommodate both	area approx. 5" from the bottom
	22 to 24 inches at	inches at the narrowest	sleeping bags when joined	with the widest point in the torso
	the narrowest point	point	together	area approx. 60"-65" from the
			W – widest 35inches +/- 1"	bottom of the footbox.
			W- narrowest 28 inches +/-	
-	m 11		1"	
Fastener	Top and bottom	Top and bottom ventilation	Compatible with each	
	ventilation	Noiseless and easy to	individual bag or both bags	
	Noiseless and easy	operate	together	
	to operate	Reversible, double pull,	Appropriate for continuous	
	Reversible, double	water repellent	use in hostile and austere	
	pull, water repellent	Self-repairable	environments	

Performance	Sleeping Bag Patrol	Sleeping Bag ICW	Bivy Sack	All three together
	Self-repairable Snag-resistant channeling Protection from inadvertent opening Prevent heat loss Min crosswise	Snag-resistant channeling Protection from inadvertent opening Prevent heat loss Min crosswise breaking strength of 250 lbs Width (incl tape) does not	Allows for rapid egress	
	breaking strength of 250 lbs Width (incl tape) does not exceed 1 inch Color matches material Allows for rapid egress	exceed 1 inch Color matches material Allows for rapid egress		
Secondary Attaching System				Easy to operate in cold temperatures and using gloves Permits bags to maintain a constant spatial relationship to one another Can be used to close bag if primary fastener fails Does not compromise rapid egress
Chest Collar		Full width of the bag Adjustable Same insulating properties as the rest of the bag		
Hood	Adjustable at the crown and side	Adjustable at the crown and side		

Performance	Sleeping Bag Patrol	Sleeping Bag ICW	Bivy Sack	All three together
	Same insulating	Same insulating properties		
	properties as	as remainder of bag		
	remainder of bag	One-handed operation		
	One-handed	Barrel Lock – 5lb force for		
	operation	15 seconds after 168 hours		
	Barrel Lock – 5lb			
	force for 15 seconds			
	after 168 hours			
Footbox	Same insulating	Same insulating properties		
	properties as	as remainder of the bag		
	remainder of the bag	Anatomically designed		
	Anatomically			
	designed			
Flammability	CPAI-75	CPAI-75		
Laundering	Drying temperatures	Drying temperatures	Drying temperatures less	AATCC-96, Test VI, A for five
	between 140 and	between 140 and 160	than 100 degrees F	cycles
	160 degrees F	degrees F		
Compressional	> or = 80% of loft	> or $= 80%$ of loft after		
recovery	after laundering	laundering		
Stitching			Seam tape will be	No exposed raw edges, run-offs,
			translucent or a subdued	twists, pleats, puckers or open
			color near the non-face	seams
			side of the cover material	Stitch type will prevent seam
			Applied only of the inside	separation and edge fraying
			cover	No binding cloth
				Able to withstand normal usage
				during the warranty period and
				five launderings
Basic Material	Synthetic with a	Synthetic with a water	Fully waterproof	

Performance	Sleeping Bag Patrol	Sleeping Bag ICW	Bivy Sack	All three together
	water repellant	repellant finish	Meet or exceed applicable	
	finish	Minimum tear strength of	requirements in MIL-DTL-	
	Minimum tear	9.0 lbs in the warp and	31011B, Type 1, class 4,	
	strength of 9.0 lbs in	filling	paragraphs 3.3-3.6, 3.8,	
	the warp and filling	Minimum spray rating of	3.9.4, 3.10.1,3.11-3.13	
	Minimum spray	90,90,80	with a 10% reduction in	
	rating of 90,90,80	Processed so that no	weight and no impact on	
	Processed so that no	insulation can move	MVTR	
	insulation can move	through them	Tensile strength at least	
	through them		120 pounds in both warp	
			and fill directions	
Thread				Water repellant
				A-A-50199 standards
				Color will match end item
Color	Foliage green 504	Urban grey 505	Top - universal camouflage	
			Bottom - foliage green 504	
Labeling	Stitched on all four	Stitched on all four sides to	Stitched on all four sides to	
	sides to the center of	the center of the foot box	seam tape which in then	
	the foot box	Ink will be waterproof and	heat sealed to the top inside	
	Ink will be	legible after 5 washings	flap near the head end.	
	waterproof and	Item identification and	Item identification and	
	legible after 5	instructions for care,	instructions for care,	
	washings	cleaning and laundering	cleaning and laundering	
	Item identification	(Sample at Attachment 1)	(Sample at Attachment 2)	
	and instructions for	Foliage green 504 with	Foliage green 504 with	
	care, cleaning and	black print	black print	
	laundering (Sample	Print size no less than font	Print size no less than font	
	at Attachment 1)	10	10	
	Foliage green 504	Nomenclature, contract	Ink will be waterproof and	

Performance	Sleeping Bag Patrol	Sleeping Bag ICW	Bivy Sack	All three together
	with black print Print size no less than font 10 Nomenclature, contract number, lot number, contractor's	number, lot number, contractor's name	legible after 5 washings	
Warranty	name Standard warranty or 1 year whichever is greater	Standard warranty or 1 year whichever is greater	Standard warranty or 1 year whichever is greater	

^{*} user is dressed in medium weight polypropylene undershirt and drawers and standard cushion sole socks; *system is tested on a standard Army pad*.

^{**} user is dressed as described in * and fleece bib and jacket; cold weather coat and trouser liners, extreme cold weather socks, and balaclava. The system is tested on a standard Army pad.

⁺ using large compression bag

[^] plus large compression bag

[#] see figure 1 for measurement locations – measurements will be taken with the bag turned inside out